Manufacturer's Limited Warranty

Manufacturer warrants all Covert Video and Sleuth Gear Hidden Video Products (Product) assembled and sold by Manufacturer to be free of defects in material and workmanship, subject to the following conditions. The duration of Manufacturer's warranty with respect to the Product is limited to one (1) year from the date of sale to the original consumer purchaser only for Products delivered within the fifty (50) states of the United States, District of Columbia, or the possessions and territories of the United States

No other express warranties are made with respect to any Product. All implied warranties, including warranties of merchantability and fitness for a particular purpose are limited to the warranty period set forth above. This warranty is not transferable and applies only to the original consumer purchaser of the Product.

Manufacturer will, as its sole obligation under this warranty, replace or repair, at its option, any Product that does not conform to this warranty. Under no circumstances will the Manufacturer issue credit or give a refund for Product covered by this warranty. Furthermore, under no circumstances will Manufacturer be liable for any incidental or consequential damages under this warranty or any implied warranties.

What Is Not Covered. This limited warranty does not cover Products that in Manufacturer's judgment have damage resulting from any (i) deviation from Manufacturer's operating instructions as printed in Manufacturer's catalog or on any packaging, labels or other literature provided with a Product, (ii) installation of a Product in a manner which is inconsistent with Manufacturer's written instructions, (iii) alteration, modification of or tempering with a Product, (iv) misuse, (v) neglect, (vi) abuse, (vii) accident, (viii) power surge, static electricity or other electrical discharge, (ix) normal wear and tear, (x) commercial use, (xi) service by anyone other than a Manufacturer authorized repair facility, or (xii) other improper application, installation or operation of the Product. Or, (xiii) have been purchased from inventory clearance or liquidation sales or other sales in which Manufacturer expressly disclaims its warranty obligation pertaining to the Product.

How you (the Customer) can get service: To obtain warranty service during the warranty period, you must return the defective Product with the original receipt to the original place of purchase. Contact them for return instructions.

If warranty service is needed at any time during the warranty period, the purchaser will be required to furnish a sales receipt/proof of purchase indicating the date of purchase, amount paid and place of purchase. Customers who fail to provide such proof of purchase will be charged for the repair of any Product.

How state law relates to the warranty: Some states do not allow limitations on how long implied warranties last, or the exclusion or the limitation of incidental or consequential damages. So the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights. You may also have other rights that may vary from state to state.

NO PERSON IS AUTHORIZED BY MANUFACTURER TO MODIFY OR ADD TO THIS LIMITED WARRANTY.

For warranty information on Products delivered outside the United States please contact the original place of purchase.

IT IS THE USER'S RESPONSIBILITY TO ENSURE THAT THIS EQUIPMENT IS USED IN ACCORDANCE WITH THE LAW(S) OF THE JURISDICTION IN WHICH THIS EQUIPMENT IS UTILIZED.

DO NOT ATTEMPT TO RETURN PRODUCT TO ORIGINAL MANUFACTURER, AS THIS PRODUCT HAS BEEN MODIFIED AND IS NO LONGER SUBJECT TO ORIGINAL MANUFACTURER'S WARRANTY. IN THE CASE OF A DEFECTIVE PRODUCT, CONTACT PLACE OF PURCHASE FOR RETURN PROCEDURE.

THIS EQUIPMENT HAS BEEN TESTED AND HAS BEEN FOUND TO BE IN COMPLIANCE WITH THE LIMITS FOR A CLASS B DIGITAL DEVICE, PURSUANT TO PART 15 OF THE FCC RULES. THESE LIMITS ARE DESIGNED TO PROVIDE REASONABLE PROTECTIONS AGAINST HARMFUL INTERFERENCE IN A RESIDENTIAL INSTALLATION. THIS EQUIPMENT USES, GENERATES AND CAN RADIATE RADIO FREQUENCY ENERGY AND IF NOT INSTALLED AND USED IN ACCORDANCE WITH INSTRUCTIONS, MAY CAUSE HARMFUL INTERFERENCE TO RADIO COMMUNICATIONS.

Part 15 Low Power:

ANY CHANGES OR MODIFICATIONS TO THIS EQUIPMENT WITHOUT THE EXPRESS AUTHORIZATION OF THE MANUFACTURER COULD VOID THE USER'S AUTHORITY TO OPERATE THIS EQUIPMENT. (RULE 15.21 OF THE FCC)

ZONE SHIELD® DVR
Hidden Video by SleuthGear®

All-in-one Zone Shield DVR Hidden Camera System

By SleuthGear™

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Quick Set up Guide

1. Take out the Zone Shield unit and plug it in to any available wall outlet for power.
2. Facing the back of the unit locate the *Video-Out Jack* (see insert). Using the included *Video Cable* plug the cable into the *Video-Out Jack*. Connect the other end of the *Video Cable* to a Television video input jack.
3. Change the video input or auxiliary on your TV. The input select button is usually located on the TV's remote control or on the front panel of the TV itself. However, some TV's may require you to select the video input from the on-screen menu. Consult the owner's manual for the for specific instructions.
4. When you have a picture on your Television use the included remote and press the *Menu* button to enter menu screen. (see diagram for remote functions on page 4)
5. Set up Time and Date using the enclosed remote. Go to Main Menu> Date/Time Setup see page 4, then return to the main menu.
6. Find the SD card slot (see insert) and insert the SD card.
7. Set the unit in a desired location for video surveillance. Factory default settings will record 24x7 based on motion detection.

Features and Functions of the Zone Shield DVR by SleuthGear™

Frame Rate Settings for recording You may record 30, 15 & 8 FPS Quality is adjustable, Super, Low, Standard & High.. Use this setting to gain more memory. See page 7 for details.

Motion Setting This allows three motion sensitivity settings, High, Medium and Low, see page 7 for details.

Continuous Recording You may record continuously without using motion please refer to Capacity chart on page 7.

Playback On your TV by using the RCA output or the player supplied on the enclosed CD, see page 8 for details.

File Search From unit push play back see quick search or list all to find files, see page 8 for details.

Storage: the unit is set to default to overwrite video when card is full using the first in first out rule: you may change the overwrite function by choosing Full Stop from the storage menu. You may also delete all files from the delete all functions. This action will reformat your SD Card, see page 6 for details.

Password, you may set up a password for the unit, please write the number down in a safe place, if the password is lost there is no way to recover it. So please choose this option carefully. See page 8. Write down your password on page 15.

System Setting Menu

Time and Date Stamp You may display time and date to show on your video clip. It will be embedded in the actual video by the default setting. You can also adjust date format before you start your recording.

Factory Default menu This setting list's the factory default. Here you may reset at anytime back to factory default. See page 8.

Frequently asked Questions & Trouble Shooting

Q. What player software should I use to playback the recording files?

A. Please use only the software on the enclosed CD, TL Player.

No video? Have you inserted the micro SD card into the Large SD card adapter? Have you tried another SD card? Is the lock on the SD card in the "lock" position? Did you put the SD card in the unit before powering on your Sleuth Gear unit?

Did you know the unit is set to record motion as one of its default settings?

Do you know how to access the video files on your SD card?

Did you know you can press the play button on the remote control to play the recorded files back on your Television?

Do you have the proper input selected on your TV to display the Video from the HVR system?

Having trouble with the unit? Have you tried restoring the unit to its factory default settings? This can be done in the menu > System Setup> Factory Default.

Safety Precautions and Notes

Use only the included power supply to operate your
Zone Shield DVR by SleuthGear™ system
(AC: 120 Volt, 60 Hz ONLY, if outside the US and Canada a special adaptor may be required).

To avoid electrical shock, do not attempt to open the unit. Opening the unit Voids the warranty. To prevent fire or shock hazard, do not expose this product to rain or moisture. Do not operate near bath tub, sink, or swimming pool.

Avoid operation in moist environments.

Do not overload electrical outlets or extension cords as this may result in fire or electric shock, this unit works only on 120 Volt .

Power surges or over voltage (i.e. 220 Volt) will damage the unit and void the warranty. A surge suppressor and or other adaptors may be required and are the responsibility of the user.

Please refer to the enclosed instructions for basic functions of the unit if applicable.

User_____ Password_____

Default Password 1234

Disclaimer:

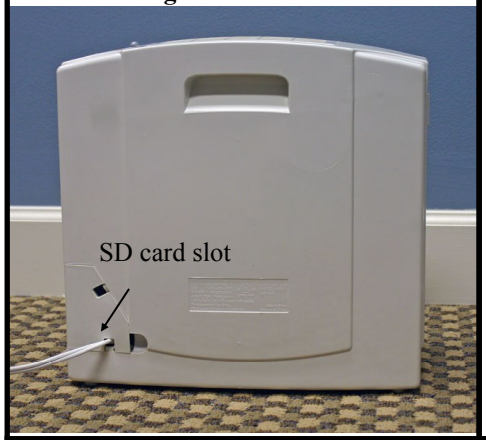
While SleuthGear makes a concerted effort to test Night Vision products in different low lighting situations, we cannot replicate every lighting condition imaginable in the customers' location. Covert placement of the camera and IR sensors affect image quality in individual product forms as well. SleuthGear strives to maintain a balance between creating a reliable hidden camera and recording in extreme low light conditions. Therefore we believe Zone Shield and Xtreme Life NightVision products work in MOST lighting conditions but we do NOT guarantee that Night Vision will work in EVERY lighting condition.

Specifications	
Operating System	Non-OS
Video input format	NTSC or PAL (Auto-detect)
Video Compression	H.264
MENU OSD	English
Record Resolution	720x240 (NTSC) / 720x288 (PAL)
Recording Frame Rate	6/8, 13/15, 25/30 fps
Video Recording Mode	Schedule continuous, Schedule motion
Pre-recording	Supported
Post recording	Yes, 10~60 sec
Playback mode	Via device itself or included bundled software for PC
Playback	Fast Forward, Backward: x2/ x4/ x8, Frame by Frame
Playback Search	By Time, By Event
Recording Quality	4 Levels adjustable (Super, High, Normal, Standard)
Time/Date Stamp	Yes
Time Date Stamp Format	(1) yy-mm-dd, (2) dd-mm-yy, (3) mm-dd-yy, 3 formats selectable by OSD
Daylight Saving Time	Yes
Recording Storage	Micro SD card (support SDHC) up to 32GB
Control	IR remote control
Power Supply	12VDC
Power Failure	Auto Recovery
LED	Power (Red)/Recording (Green & Yellow)
Firmware Upgrade	Yes, through Micro SD card
Operation temperature	0~+50℃

What's in the box?

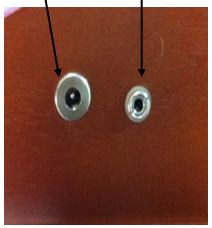
Zone Shield By SleuthGear™ Unit
1 4GB SD Card
1 USB Card Reader
1 Remote Control
1 Video Cable

Large Air Purifier



Mantle Clock

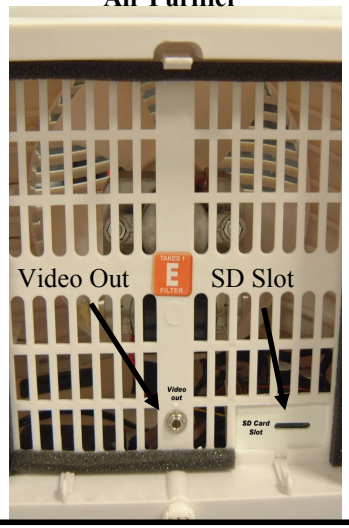
Power jack / Video out jack



Back of clock

SD card slot

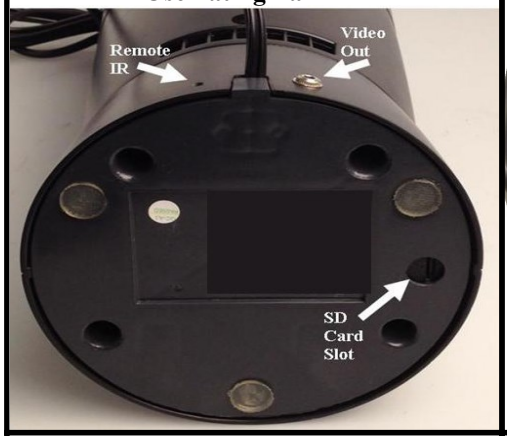
Air Purifier



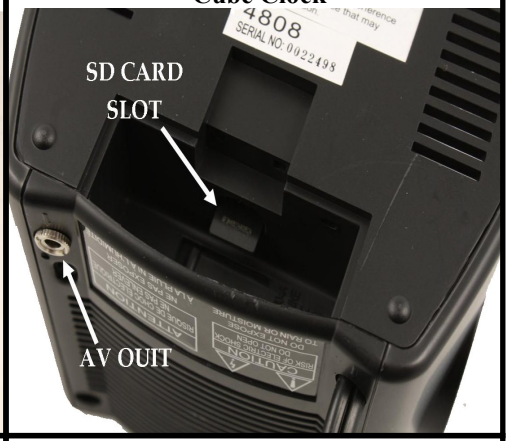
Picture Frame

DVD Player

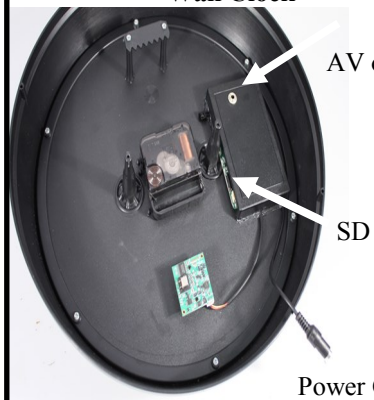
Oscillating Fan



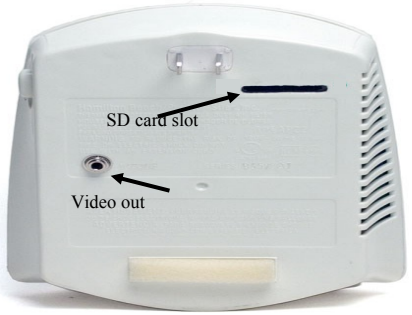
Cube Clock



Wall Clock



Wall Mount Air Purifier



iPod Dock

Playback Files

Move the mouse cursor to the place you want to enlarge. Right click to zoom in. Right click again to get back to the original scene.

Admin

Click Admin and key in account and password.

Default: root/ root

* Display information: On/Off
* Date format: yyyy/mm/dd
  dd/mm/yyyy
  mm/dd/yyyy
* Time/Date position: Top Left/ Bottom Right

Press Change Password to change account and password in Admin area.

Backup Files

Press Backup and choose backup format (DVR/ WMV/ AVI/ JPG) and choose backup channel.

* Backup as DVR format: Can only backup four channels
* Backup as WMV/ JPG format: backup four channels or individual channel
* Backup as AVI format: backup four channels or individual channel; backup resolution as CIF or D1.

During the playback, you can press Set Start Time to set start time to backup file.

Then, press Set End Time to set end time to backup file.

* Green bar: backup start time
* Red bar: backup end time

Press Export to export backup file to PC, or

Press Cancel to cancel Backup Start time and End time

Remote Control Functions

Button	Function	Description
●	Panic Record	Universal password: UP/UP/DOWN/DOWN/+/+/-/- Start to Record manually. Press again to cancel recording mode
	KEYPAD	Virtual keypad input
	Lock	Key lock
	MENU/Exit	Menu mode or Exit to last page
▲ ▼ ◀ ▶	UP (2)/ DOWN (4)/ LEFT (5)/ RIGHT (3)	
OK	Enter	Confirm
+ −	Plus (6) ; Minus (7)	Adjust Value
▶	Play	Into playback menu or start to play
❚❚	Pause (8)	Pause playback, press again to play frame by frame
◀	Re-wind	Rewind playback
▶▶	Fast forward (0)	Fast forward play 2/4/8 times
◀◀	Fast rewind (9)	Fast rewind play2/4/8 times
■	Stop	Stop playback

MENU OPERATION

MAIN MENU

CHANNEL SETUP
DATE/TIME SETUP
SD CARD SETUP
RECORD SETUP
PERIPHERAL SETUP
SYSTEM SETUP

1. Press ☰ to enter MAIN MENU
2. Press ▲ ▼ to select item
3. Press OK to enter the selected item

II. DATE/TIME SETUP

DATE/TIME SETUP
DISPLAY FORMAT:YY/MM/DD
TIME FORMAT: 12H
YEAR: 2000
MONTH: 01
DAY: 06
HOUR: 21
MINUTE: 06
DAYLIGHT SAVING TIME SETUP

1. Press ▲ ▼ to select item
2. Press + − to change value

* Display Format: YY/MM/DD, MM/DD/YY, or DD/MM/YY.
* Time Format: 12H/ 24H

DAYLIGHT SAVING TIME SETUP
TURN: OFF
START TIME
MONTH: 04
DAY: 02
HOUR: 00
END TIME
MONTH: 11
DAY: 04
HOUR: 00

1. Press ▲ ▼ to select item
2. Press + − to change value

III. SD CARD SETUP

SD CARD SETUP

SD INFORMATION
SD REC MODE: OVERWRITE
SD FORMAT
AUTO FORMAT: ON

1. Press ▲ ▼ to select item

* **SD CARD INFORMATION:** Press OK to enter

* **SD REC MODE**: Press + − to change mode (FULLSTOP:OVERWRITE)
* **SD FORMAT:** Press OK to enter

SD CARD INFORMATION

TOTAL: 1.84 GB
REMAIN: 1.83 GB (100%)

FORMAT SD

FORMAT SD: NO
PRESS ENTER KEY TO RUN

1. Press + − to change mode

IV. RECORD SETUP

RECORD SETUP

RECORD MODE
CONTINUOUS RECORD
MOTION RECORD
PANIC RECORD
ALARM RECORD

1. Press ▲ ▼ to select item
2. Press OK to enter the selected item

RECORD MODE

AM PM
0 - - 3 - - 6 - - 9 - - 0 - - 3 - - 6 - - 9 - -
MMMMMMMMMMMMMMMMMMMMMMMM
M: MOTION P: PANIC
C: CONTINUOUS A: ALARM

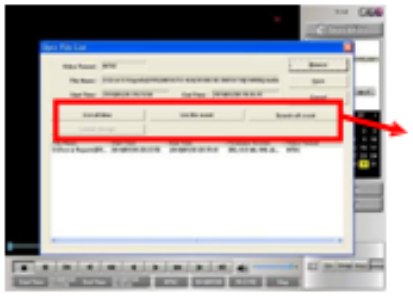
1. Press ◄ ► to change cursor
2. Press + − to change value

Search Files

Click Search Files

Press Select Path and then press Browse.

Select a folder with DVR files and press "OK"



Double click the selected recording file to playback or click the selected recording file and press "Open" to playback.

File searching method:

* List all time: list all the recording sessions in the folder you browse.
* List file event: list the event which you select in "List all time"
* Search all events: list all the events in the folder you browse (max. 1000 evens

Format storage: Format SD card easily

TL Player

Search Files	Search Files	Backup	Backup DVR file
Admin	Login	Select Path	Select Path
	Enter	Backup format DVR WMV JPG AVI	Backup format
Set Start Time	Set Start Time	Set End Time	Set End Time
Export	Export backup file	Cancel	Cancel
Display information On Off	Time/ Date on	Date format yyyy/mm/dd dd/mm/yyyy mm/dd/yyyy	Time/ Date format
Time/Date position Top Left Bottom Right	Time/ Date top left	Change Password	Change account and password
32x	Multiply 32 times the original speed	Snap	Save JPEG picture
Print	Print	Enhance	Enhance the resolution
	Audio adjust		Mute

Playback control bar:

Stop	Pause	Last	-1/2X	-2X	-1X	1X	2X	1/2X	Next

CONTINUOUS RECORD

FRAME RATE: H264 30 (N) / 25 (P)
QUALITY: SUPER

1. Press + − to change value
2. Frame rate adjustable by users: H264 30(N)/25(P); H264 15(N)/12(P); H264 8(N)/6(P)
3. Quality adjustable by users: Super/ Low/ STD/ High

MOTION RECORD

FRAME RATE: H264 30 (N) / 25 (P)
QUALITY: SUPER
SENSITIVITY: HIGH
POST-RECORD: 10 SEC
PRE-RECORD: ON

1. Press + − to change value
2. Frame rate adjustable by users: H264 30(N)/25(P); H264 15(N)/12(P); H264 8(N)/6(P)
3. Quality adjustable by users: Super/ Low/ STD/ High
4. Sensitivity adjustable by users: High/ Med/ Low

VII. SYSTEM SETUP

SYSTEM SETUP

DVR ID
FACTORY DEFAULT
FIRMWARE UPGRADE
PASSWORD SETUP

1. Press ▲ ▼ to select item
2. Press OK to enter selected item

DVR ID

ID:

1. Press ◀ ▶ to change cursor
2. Press + − to change value

FACTORY DEFAULT

LOAD DEFAULT: NO
PRESS ENTER KEY TO RUN

1. Press + − to change value

PASSWORD SETUP

ENTER PASSWORD: ****

1. Press ◄ ► to change cursor
2. Press + − to change value

PLAYBACK MODE

SEARCH

TIME: 2000/ 01/ 01 00:00 RUN
EVENT SEARCH
BEGIN: NO DATA
END: NO DATA

In the Playback screen

1. Press ► to enter SEARCH MENU
2. Press ▲ ▼ to select item & + − to change value
3. Press OK to run

TIME SEARCH

SEARCH

TIME: 2000/ 01/ 01 00:00 RUN
EVENT SEARCH
BEGIN: NO DATA
END: NO DATA

TIME SEARCH

1. Press + − to change value
2. Press OK to run
3. Press ■ to go back to SEARCH
4. Press ☰ to go back to Live Video

EVENT SEARCH

NO	YY/MM/DD	HH:MM:SS	MODE
0001	09/12/17	12:11:00	C
0002	09/12/17	12:11:07	P
0003	09/12/17	12:11:12	A

M: MOTION P: PANIC
C: CONTINUOUS A: ALARM

EVENT SEARCH

1. Press ▲ ▼ to select item
2. Press OK to playback the event

SD card times are approximate

Compression	H4L				JPG			
Resolution & Frame Rate	720X240 @ 30fps / 720x288 @ 25fps							
SD card capacity (Times are Approximate)	Low	STD	High	Super	Low	STD	High	Super
1GB	53 min	46 min	38 min	33 min	34 min	29 min	23 min	21 min
16GB	14 hr	12 hr	10 hr	9 hr	9 hr	8 hr	6 hr	5.6 hr
32GB	28 hr	24 hr	20 hr	18 hr	18 hr	16 hr	12 hr	11.2 hr